

Abstract

The invention relates to a dental pulp membrane for covering the exposed and/or partially resected pulp in a deep dentineal lesion or cavity resulting from a trauma or a restorative measure in a sterile, impermeable manner. According to the invention, the membrane is biocompatible at least on the side facing towards the pulp. The composition, structure and surface texture of the membrane make it suitable for cell attachment, cell integration and tissue formation, optionally also stimulated by growth factors and/or bacteriostatic or bactericidal active agents. The membrane is self-adhesive or adhesive on the dental hard tissues surrounding the pulp exposure in such a way as to create a impermeable seal and is impermeable to solid and liquid materials or cells on the side facing away from the pulp or at least provides enough insulation for the application of a sufficiently impermeable coating that bonds, preferably sets hard on the dental hard tissue. The membrane is preferably smaller than 100 mm² and less than 3 mm thick and said membranes are premanufactured in different sizes in the form of a membrane pad and sterilely packed.